

UNITED STATES DISTRICT COURT
SOUTHERN DISTRICT OF NEW YORK

-----X
JOSEPH A. CONZO, et al.,

Plaintiffs,

-against-

THE CITY OF NEW YORK and THE FIRE
DEPARTMENT OF THE CITY OF NEW
YORK,

Defendants.
-----X

Civil Action No.:05 CV 705 (MGC)

REPLY AFFIDAVIT OF
CHRISTOPHER ERATH, Ph.D.
IN FURTHER SUPPORT OF
DEFENDANTS' MOTION FOR
SUMMARY JUDGMENT
AND/OR DECERTIFICATION

STATE OF MASSACHUSETTS :
: ss:
COUNTY OF SUFFOLK :

I, CHRISTOPHER ERATH, Ph.D., declare under penalty of perjury that the following is true and correct to the best of my knowledge and consistent with 28 U.S.C. §1746:

1. I make this Declaration in further support of Defendants the City of New York ("the City") and the Fire Department of the City of New York's ("the FDNY") (collectively "Defendants") Motion for Summary Judgment and/or Decertification.
2. Defendants produced electronic Payroll Management System ("PMS") data for all weeks from January 1, 2002 to August 6, 2006.
3. Calculation of Plaintiffs' damages includes consideration, across weeks, of regular hours worked, any unpaid time worked including heat days, overtime hours worked, cash overtime payments made, compensatory time overtime payments made, the pay rate used by Defendants, and the pay rate adjusted by the night shift differential, taking into account payments made by Defendants which exceed obligations under the FLSA.

4. An assessment of Plaintiffs' damages compares hours which should have been paid under the FLSA versus what Defendants actually paid, taking into account payments made by Defendants which exceed obligations under the FLSA.

5. In 64 percent of weeks in which Plaintiffs worked between zero and 40 regular hours, they received premium pay or compensatory time at a premium rate.

6. In weeks in which Plaintiffs worked between zero and 40 regular hours, 95 percent of all overtime paid was paid at the premium rate.

7. Of the 50 Test Plaintiffs that worked at least one heat day hour, 31 worked such hours during a week in which they worked 40 or more hours (including regular, overtime, and heat day hours).

8. After damages are cumulatively offset against Defendants' overpayments, no Test Plaintiffs have positive damages in connection with heat days.

9. Test Plaintiffs worked 40 or more hours (including regular, overtime and Heat Day hours) in 74 percent of weeks in which at least one Heat Day hour was worked.

10. If cumulative offsets are not applied, Test Plaintiffs' damages in connection with heat days total \$6,869.00.

11. Whether any individual Plaintiff worked a heat day during the period encompassed by this lawsuit can be easily ascertained from an analysis of his or her PMS data.

12. Test Plaintiffs worked a total of approximately 15,842 pay periods from January 1, 2002 to August 6, 2006.


13. Plaintiff John Marino worked an average of 46 hours per week from September 13, 2002 until August 5, 2006.

14. 108 out of 147 Test Plaintiffs never incur positive cumulative damages when damages are offset by Defendants' overpayments on a cumulative basis.

15. To the extent Test Plaintiffs do incur positive damages during one week, it takes an average of 5 weeks for those damages to be fully offset by Defendants' overpayments.

16. Taking into account Plaintiff Marino's alleged damages for heat days hours and the failure to include night shift differential in his regular rate, Plaintiff Marino's damages are zero for the first four weeks of employment, and become negative (i.e., he is paid more than he is owed) by his fifth week on the job (October 13, 2002), and they remain negative for the rest of his employment. This analysis is set forth in the chart attached hereto as Exhibit "A."

17. Taking into account Plaintiff Marino's alleged damages for heat days hours, the failure to include night shift differential in his regular rate, 2 ½ hours of straight time in over-40-hour workweeks, belated overtime, and 1.25 hours per week of off-the-clock work, Plaintiff Marino's damages are negative by his 49th week on the job, and they remain negative for the rest of his employment. This analysis is set forth in the chart attached hereto as Exhibit "B."



Christopher Erath, Ph.D.

11/7/08

Date

Sworn to before me this 7th day of November, 2008



NOTARY PUBLIC

Silvia E. Santos
Notary Public
Commonwealth of Massachusetts
My Commission Expires
September 22, 2011

ERATH REPLY AFF.

EXHIBIT A

Heat Days/Night Shift Differential

	Week Begin Date	Regular Hours	Weekly Damages	Running Total of Weekly Damages
1	15-Sep-2002	40.00	0.00	0.00
2	22-Sep-2002	40.00	0.00	0.00
3	29-Sep-2002	40.00	0.00	0.00
4	6-Oct-2002	40.00	0.00	0.00
5	13-Oct-2002	32.00	-39.20	-39.20
6	20-Oct-2002	40.00	7.46	-31.74
7	27-Oct-2002	40.00	0.00	-31.74
8	10-Nov-2002	32.00	0.00	-31.74
9	17-Nov-2002	40.00	1.72	-30.02
10	24-Nov-2002	40.00	-44.05	-74.07
11	1-Dec-2002	40.00	18.54	-55.53
12	8-Dec-2002	32.00	-177.76	-233.29
13	15-Dec-2002	32.00	-170.87	-404.16
14	22-Dec-2002	40.00	-39.02	-443.18
15	29-Dec-2002	40.00	6.62	-436.55
16	5-Jan-2003	32.00	-22.39	-458.94
17	12-Jan-2003	40.00	1.06	-457.88
18	19-Jan-2003	32.00	-143.13	-601.01
19	26-Jan-2003	40.00	0.00	-601.01
20	2-Feb-2003	32.00	-11.19	-612.20
21	9-Feb-2003	30.00	0.00	-612.20
22	16-Feb-2003	40.00	-40.68	-652.88
23	23-Feb-2003	40.00	9.54	-643.34
24	2-Mar-2003	40.00	0.44	-642.91
25	9-Mar-2003	32.00	-134.31	-777.22
26	16-Mar-2003	40.00	0.46	-776.75
27	23-Mar-2003	32.00	-11.19	-787.95
28	30-Mar-2003	24.00	-11.19	-799.14
29	6-Apr-2003	40.00	1.06	-798.08
30	13-Apr-2003	40.00	1.06	-797.02
31	20-Apr-2003	40.00	0.00	-797.02
32	27-Apr-2003	38.98	-15.38	-812.40
33	4-May-2003	40.00	1.85	-810.54
34	11-May-2003	40.00	0.00	-810.54
35	18-May-2003	32.00	-5.60	-816.14
36	25-May-2003	39.75	4.99	-811.15
37	1-Jun-2003	8.00	0.00	-811.15
38	8-Jun-2003	24.00	0.00	-811.15
39	15-Jun-2003	32.00	-169.81	-980.96
40	22-Jun-2003	40.00	1.06	-979.90
41	29-Jun-2003	32.00	-180.12	-1,160.02
42	13-Jul-2003	16.00	-196.01	-1,356.03
43	20-Jul-2003	39.00	-14.49	-1,370.51
44	27-Jul-2003	47.83	190.47	-1,180.05
45	3-Aug-2003	24.00	-138.36	-1,318.41
46	10-Aug-2003	32.00	-187.67	-1,506.07

47	17-Aug-2003	32.00	-188.76	-1,694.83
48	24-Aug-2003	32.00	-178.71	-1,873.55
49	31-Aug-2003	31.50	-248.75	-2,122.30
50	7-Sep-2003	32.00	-196.50	-2,318.79
51	14-Sep-2003	40.00	8.04	-2,310.75
52	21-Sep-2003	32.00	-195.21	-2,505.96
53	28-Sep-2003	39.75	8.91	-2,497.05
54	5-Oct-2003	40.00	14.52	-2,482.53
55	12-Oct-2003	40.00	-39.75	-2,522.28
56	19-Oct-2003	39.00	-10.00	-2,532.27
57	26-Oct-2003	40.00	14.94	-2,517.33
58	2-Nov-2003	40.00	-60.49	-2,577.82
59	9-Nov-2003	32.00	-191.57	-2,769.39
60	16-Nov-2003	39.75	-0.63	-2,770.01
61	23-Nov-2003	24.00	-420.66	-3,190.67
62	30-Nov-2003	32.00	-192.01	-3,382.68
63	7-Dec-2003	32.00	-185.61	-3,568.29
64	14-Dec-2003	23.25	-189.56	-3,757.85
65	21-Dec-2003	23.75	-246.43	-4,004.28
66	28-Dec-2003	40.00	13.74	-3,990.54
67	4-Jan-2004	39.50	-2.96	-3,993.50
68	11-Jan-2004	40.00	22.56	-3,970.95
69	18-Jan-2004	31.00	-283.26	-4,254.21
70	25-Jan-2004	24.00	-50.55	-4,304.76
71	8-Feb-2004	40.00	4.15	-4,300.62
72	15-Feb-2004	16.00	-596.89	-4,897.50
73	22-Feb-2004	8.00	0.00	-4,897.50
74	29-Feb-2004	32.00	-197.79	-5,095.30
75	7-Mar-2004	32.00	-194.16	-5,289.46
76	14-Mar-2004	40.00	10.37	-5,279.09
77	21-Mar-2004	26.50	-339.92	-5,619.01
78	28-Mar-2004	40.00	11.67	-5,607.35
79	4-Apr-2004	32.00	-189.50	-5,796.84
80	11-Apr-2004	40.17	18.27	-5,778.58
81	18-Apr-2004	32.00	-197.79	-5,976.37
82	25-Apr-2004	32.00	-189.56	-6,165.93
83	2-May-2004	40.00	9.33	-6,156.60
84	9-May-2004	40.00	9.59	-6,147.00
85	16-May-2004	32.00	-201.94	-6,348.95
86	23-May-2004	40.00	21.26	-6,327.69
87	30-May-2004	40.00	12.86	-6,314.83
88	6-Jun-2004	22.50	-341.21	-6,656.04
89	13-Jun-2004	32.00	-200.94	-6,856.98
90	20-Jun-2004	32.00	-196.51	-7,053.48
91	27-Jun-2004	40.00	12.57	-7,040.92
92	4-Jul-2004	39.00	-134.91	-7,175.83
93	11-Jul-2004	40.00	12.38	-7,163.45
94	18-Jul-2004	24.00	-58.00	-7,221.45
95	25-Jul-2004	40.00	6.86	-7,214.60
96	1-Aug-2004	24.00	-257.80	-7,472.40
97	8-Aug-2004	40.00	12.95	-7,459.45
98	22-Aug-2004	32.00	-195.96	-7,655.40

99	29-Aug-2004	44.00	109.94	-7,545.46
100	5-Sep-2004	32.00	-206.24	-7,751.70
101	12-Sep-2004	40.00	6.26	-7,745.44
102	26-Sep-2004	40.00	10.95	-7,734.48
103	3-Oct-2004	23.98	-159.78	-7,894.26
104	10-Oct-2004	40.00	-63.55	-7,957.82
105	24-Oct-2004	24.00	-39.94	-7,997.76
106	31-Oct-2004	8.00	0.00	-7,997.76
107	7-Nov-2004	30.00	0.00	-7,997.76
108	21-Nov-2004	24.50	-474.74	-8,472.50
109	28-Nov-2004	40.00	11.15	-8,461.35
110	5-Dec-2004	40.00	13.30	-8,448.05
111	12-Dec-2004	40.00	10.95	-8,437.09
112	19-Dec-2004	40.00	-63.16	-8,500.26
113	26-Dec-2004	40.00	-52.01	-8,552.27
114	2-Jan-2005	32.00	-205.21	-8,757.49
115	9-Jan-2005	40.00	11.74	-8,745.75
116	16-Jan-2005	8.00	-26.63	-8,772.38
117	23-Jan-2005	0.00	0.00	-8,772.38
118	30-Jan-2005	0.00	0.00	-8,772.38
119	6-Feb-2005	24.00	-246.33	-9,018.71
120	13-Feb-2005	16.00	-179.75	-9,198.46
121	20-Feb-2005	40.00	-62.38	-9,260.84
122	27-Feb-2005	32.00	-206.78	-9,467.62
123	13-Mar-2005	32.00	-173.10	-9,640.71
124	20-Mar-2005	0.00	0.00	-9,640.71
125	27-Mar-2005	0.00	0.00	-9,640.71
126	3-Apr-2005	32.00	-46.60	-9,687.32
127	10-Apr-2005	32.00	-26.63	-9,713.95
128	24-Apr-2005	40.00	4.80	-9,709.15
129	1-May-2005	16.00	-166.44	-9,875.58
130	8-May-2005	16.00	-159.78	-10,035.36
131	15-May-2005	0.00	0.00	-10,035.36
132	22-May-2005	0.00	0.00	-10,035.36
133	29-May-2005	0.00	0.00	-10,035.36
134	12-Jun-2005	32.00	-212.45	-10,247.82
135	19-Jun-2005	40.00	1.56	-10,246.25
136	26-Jun-2005	31.50	-27.41	-10,273.66
137	3-Jul-2005	24.00	0.00	-10,273.66
138	17-Jul-2005	47.50	229.03	-10,044.63
139	24-Jul-2005	40.00	7.48	-10,037.15
140	31-Jul-2005	32.00	-216.51	-10,253.66
141	7-Aug-2005	32.50	-27.41	-10,281.07
142	14-Aug-2005	32.00	-215.44	-10,496.51
143	21-Aug-2005	40.00	10.43	-10,486.08
144	28-Aug-2005	32.00	-212.41	-10,698.48
145	4-Sep-2005	40.00	-63.60	-10,762.09
146	11-Sep-2005	32.00	-233.95	-10,996.03
147	18-Sep-2005	32.00	-175.62	-11,171.65
148	25-Sep-2005	32.00	-226.50	-11,398.15
149	2-Oct-2005	40.00	16.39	-11,381.76
150	9-Oct-2005	40.00	-51.32	-11,433.08

151	16-Oct-2005	40.00	18.73	-11,414.34
152	23-Oct-2005	24.00	-204.89	-11,619.23
153	30-Oct-2005	0.00	0.00	-11,619.23
154	6-Nov-2005	32.00	-77.37	-11,696.60
155	13-Nov-2005	32.00	-225.90	-11,922.50
156	20-Nov-2005	38.75	-96.70	-12,019.20
157	27-Nov-2005	24.00	-431.73	-12,450.93
158	4-Dec-2005	40.00	19.96	-12,430.96
159	11-Dec-2005	32.00	-233.82	-12,664.78
160	18-Dec-2005	32.00	-216.60	-12,881.38
161	25-Dec-2005	32.00	-297.33	-13,178.71
162	1-Jan-2006	40.00	-39.76	-13,218.47
163	8-Jan-2006	32.00	-219.53	-13,437.99
164	15-Jan-2006	40.00	-69.71	-13,507.70
165	22-Jan-2006	37.33	-71.33	-13,579.03
166	29-Jan-2006	32.00	-117.08	-13,696.11
167	5-Feb-2006	40.00	3.44	-13,692.67
168	12-Feb-2006	40.00	26.16	-13,666.50
169	19-Feb-2006	32.00	-233.00	-13,899.50
170	26-Feb-2006	32.00	-223.83	-14,123.33
171	5-Mar-2006	40.00	22.37	-14,100.96
172	12-Mar-2006	32.00	-21.95	-14,122.91
173	19-Mar-2006	8.00	-29.27	-14,152.18
174	26-Mar-2006	16.00	-219.53	-14,371.71
175	2-Apr-2006	40.00	16.87	-14,354.84
176	9-Apr-2006	24.00	-431.73	-14,786.57
177	16-Apr-2006	32.15	-221.38	-15,007.95
178	23-Apr-2006	16.00	-182.94	-15,190.89
179	30-Apr-2006	40.00	20.65	-15,170.23
180	7-May-2006	40.00	24.44	-15,145.79
181	14-May-2006	32.00	-197.57	-15,343.37
182	21-May-2006	40.00	22.72	-15,320.65
183	28-May-2006	40.00	15.83	-15,304.81
184	4-Jun-2006	40.00	11.01	-15,293.80
185	11-Jun-2006	32.00	-225.90	-15,519.70
186	18-Jun-2006	40.00	9.64	-15,510.06
187	25-Jun-2006	32.00	-216.60	-15,726.67
188	2-Jul-2006	31.50	-197.57	-15,924.24
189	9-Jul-2006	24.00	-234.16	-16,158.40
190	16-Jul-2006	32.00	-211.10	-16,369.50
191	23-Jul-2006	16.00	0.00	-16,369.50
192	30-Jul-2006	32.00	-222.46	-16,591.95
193	6-Aug-2006	32.00	-87.81	-16,679.76
194	13-Aug-2006	8.00	0.00	-16,679.76

ERATH REPLY AFF.

EXHIBIT B

**Heat Days/Night Shift/Late Overtime/2.5
Hours of Straight Time/1.25 Pre- and
Post-Shift Hours**

	Week Begin Date	Regular Hours	Weekly Damages	Running Total of Weekly Damages
1	15-Sep-2002	40.00	68.21	68.21
2	22-Sep-2002	40.00	68.21	136.41
3	29-Sep-2002	40.00	68.21	204.62
4	6-Oct-2002	40.00	68.21	272.83
5	13-Oct-2002	32.00	-36.90	235.93
6	20-Oct-2002	40.00	75.13	311.06
7	27-Oct-2002	40.00	65.30	376.36
8	10-Nov-2002	32.00	0.00	376.36
9	17-Nov-2002	40.00	58.25	434.61
10	24-Nov-2002	40.00	14.51	449.12
11	1-Dec-2002	40.00	92.56	541.68
12	8-Dec-2002	32.00	-148.95	392.73
13	15-Dec-2002	32.00	-135.02	257.71
14	22-Dec-2002	40.00	24.69	282.40
15	29-Dec-2002	40.00	68.45	350.85
16	5-Jan-2003	32.00	-22.86	327.99
17	12-Jan-2003	40.00	57.19	385.18
18	19-Jan-2003	32.00	-148.59	236.59
19	26-Jan-2003	40.00	55.05	291.64
20	2-Feb-2003	32.00	-11.43	280.21
21	9-Feb-2003	30.00	0.00	280.21
22	16-Feb-2003	40.00	21.61	301.82
23	23-Feb-2003	40.00	74.34	376.16
24	2-Mar-2003	40.00	55.44	431.60
25	9-Mar-2003	32.00	-126.03	305.56
26	16-Mar-2003	40.00	55.63	361.20
27	23-Mar-2003	32.00	-11.43	349.77
28	30-Mar-2003	24.00	-11.43	338.34
29	6-Apr-2003	40.00	57.19	395.53
30	13-Apr-2003	40.00	57.19	452.73
31	20-Apr-2003	40.00	55.05	507.78
32	27-Apr-2003	38.98	46.75	554.53
33	4-May-2003	40.00	58.80	613.33
34	11-May-2003	40.00	55.05	668.38
35	18-May-2003	32.00	-5.72	662.66
36	25-May-2003	39.75	70.76	733.42
37	1-Jun-2003	8.00	0.00	733.42
38	8-Jun-2003	24.00	0.00	733.42
39	15-Jun-2003	32.00	-132.87	600.54
40	22-Jun-2003	40.00	57.19	657.74
41	29-Jun-2003	32.00	-147.37	510.37
42	13-Jul-2003	16.00	-200.18	310.19
43	20-Jul-2003	39.00	50.37	360.56
44	27-Jul-2003	47.83	270.85	631.41
45	3-Aug-2003	24.00	-141.30	490.11
46	10-Aug-2003	32.00	-158.96	331.14

47	17-Aug-2003	32.00	-153.17	177.98
48	24-Aug-2003	32.00	-158.41	19.57
49	31-Aug-2003	31.50	-219.80	-200.23
50	7-Sep-2003	32.00	-159.00	-359.24
51	14-Sep-2003	40.00	81.03	-278.21
52	21-Sep-2003	32.00	-155.95	-434.16
53	28-Sep-2003	39.75	90.07	-344.09
54	5-Oct-2003	40.00	95.15	-248.95
55	12-Oct-2003	40.00	333.52	84.57
56	19-Oct-2003	39.00	70.31	154.88
57	26-Oct-2003	40.00	95.69	250.57
58	2-Nov-2003	40.00	-3.84	246.73
59	9-Nov-2003	32.00	-148.27	98.46
60	16-Nov-2003	39.75	69.47	167.93
61	23-Nov-2003	24.00	-413.33	-245.40
62	30-Nov-2003	32.00	-147.51	-392.90
63	7-Dec-2003	32.00	-135.29	-528.19
64	14-Dec-2003	23.25	-11.00	-539.19
65	21-Dec-2003	23.75	-251.70	-790.89
66	28-Dec-2003	40.00	93.45	-697.44
67	4-Jan-2004	39.50	71.42	-626.01
68	11-Jan-2004	40.00	112.65	-513.36
69	18-Jan-2004	31.00	-251.78	-765.14
70	25-Jan-2004	24.00	-51.63	-816.77
71	8-Feb-2004	40.00	72.56	-744.22
72	15-Feb-2004	16.00	-565.35	-1,309.56
73	22-Feb-2004	8.00	0.00	-1,309.56
74	29-Feb-2004	32.00	-161.83	-1,471.39
75	7-Mar-2004	32.00	-153.92	-1,625.31
76	14-Mar-2004	40.00	86.11	-1,539.20
77	21-Mar-2004	26.50	-305.66	-1,844.87
78	28-Mar-2004	40.00	88.93	-1,755.93
79	4-Apr-2004	32.00	-143.76	-1,899.69
80	11-Apr-2004	40.17	98.54	-1,801.15
81	18-Apr-2004	32.00	-161.83	-1,962.98
82	25-Apr-2004	32.00	-172.56	-2,135.54
83	2-May-2004	40.00	83.85	-2,051.69
84	9-May-2004	40.00	84.42	-1,967.27
85	16-May-2004	32.00	-170.86	-2,138.13
86	23-May-2004	40.00	109.83	-2,028.30
87	30-May-2004	40.00	96.46	-1,931.84
88	6-Jun-2004	22.50	-348.50	-2,280.34
89	13-Jun-2004	32.00	-165.90	-2,446.25
90	20-Jun-2004	32.00	-156.83	-2,603.07
91	27-Jun-2004	40.00	96.45	-2,506.63
92	4-Jul-2004	39.00	-64.99	-2,571.61
93	11-Jul-2004	40.00	95.83	-2,475.78
94	18-Jul-2004	24.00	-59.23	-2,535.01
95	25-Jul-2004	40.00	81.51	-2,453.50
96	1-Aug-2004	24.00	-263.25	-2,716.75
97	8-Aug-2004	40.00	97.31	-2,619.44
98	22-Aug-2004	32.00	-148.57	-2,768.01

99	29-Aug-2004	44.00	189.16	-2,578.85
100	5-Sep-2004	32.00	-175.23	-2,754.07
101	12-Sep-2004	40.00	82.79	-2,671.29
102	26-Sep-2004	40.00	95.03	-2,576.26
103	3-Oct-2004	23.98	-163.17	-2,739.43
104	10-Oct-2004	40.00	-3.55	-2,742.98
105	24-Oct-2004	24.00	-40.79	-2,783.77
106	31-Oct-2004	8.00	0.00	-2,783.77
107	7-Nov-2004	30.00	0.00	-2,783.77
108	21-Nov-2004	24.50	-448.72	-3,232.49
109	28-Nov-2004	40.00	95.54	-3,136.95
110	5-Dec-2004	40.00	101.15	-3,035.81
111	12-Dec-2004	40.00	95.03	-2,940.78
112	19-Dec-2004	40.00	-2.53	-2,943.32
113	26-Dec-2004	40.00	34.81	-2,908.50
114	2-Jan-2005	32.00	-160.62	-3,069.12
115	9-Jan-2005	40.00	97.07	-2,972.06
116	16-Jan-2005	8.00	-27.19	-2,999.25
117	23-Jan-2005	0.00	0.00	-2,999.25
118	30-Jan-2005	0.00	0.00	-2,999.25
119	6-Feb-2005	24.00	-251.55	-3,250.80
120	13-Feb-2005	16.00	-183.57	-3,434.37
121	20-Feb-2005	40.00	-0.50	-3,434.87
122	27-Feb-2005	32.00	-164.70	-3,599.57
123	13-Mar-2005	32.00	-151.71	-3,751.28
124	20-Mar-2005	0.00	0.00	-3,751.28
125	27-Mar-2005	0.00	0.00	-3,751.28
126	3-Apr-2005	32.00	-47.59	-3,798.87
127	10-Apr-2005	32.00	-27.19	-3,826.06
128	24-Apr-2005	40.00	84.86	-3,741.20
129	1-May-2005	16.00	-169.97	-3,911.17
130	8-May-2005	16.00	-163.17	-4,074.34
131	15-May-2005	0.00	0.00	-4,074.34
132	22-May-2005	0.00	0.00	-4,074.34
133	29-May-2005	0.00	0.00	-4,074.34
134	12-Jun-2005	32.00	-179.49	-4,253.83
135	19-Jun-2005	40.00	70.55	-4,183.27
136	26-Jun-2005	31.50	-27.99	-4,211.26
137	3-Jul-2005	24.00	0.00	-4,211.26
138	17-Jul-2005	47.50	339.77	-3,871.49
139	24-Jul-2005	40.00	88.38	-3,783.11
140	31-Jul-2005	32.00	-173.19	-3,956.30
141	7-Aug-2005	32.50	-27.99	-3,984.29
142	14-Aug-2005	32.00	-176.34	-4,160.63
143	21-Aug-2005	40.00	94.62	-4,066.01
144	28-Aug-2005	32.00	-168.46	-4,234.47
145	4-Sep-2005	40.00	1.61	-4,232.86
146	11-Sep-2005	32.00	-198.43	-4,431.29
147	18-Sep-2005	32.00	-160.67	-4,591.96
148	25-Sep-2005	32.00	-178.81	-4,770.77
149	2-Oct-2005	40.00	118.10	-4,652.67
150	9-Oct-2005	40.00	46.72	-4,605.94

151	16-Oct-2005	40.00	124.27	-4,481.68
152	23-Oct-2005	24.00	-209.26	-4,690.94
153	30-Oct-2005	0.00	0.00	-4,690.94
154	6-Nov-2005	32.00	-82.21	-4,773.15
155	13-Nov-2005	32.00	-181.47	-4,954.63
156	20-Nov-2005	38.75	-15.28	-4,969.90
157	27-Nov-2005	24.00	-405.25	-5,375.15
158	4-Dec-2005	40.00	117.21	-5,257.94
159	11-Dec-2005	32.00	-197.59	-5,455.53
160	18-Dec-2005	32.00	-162.55	-5,618.08
161	25-Dec-2005	32.00	-259.01	-5,877.09
162	1-Jan-2006	40.00	59.99	-5,817.10
163	8-Jan-2006	32.00	-199.69	-6,016.79
164	15-Jan-2006	40.00	-0.97	-6,017.76
165	22-Jan-2006	37.33	-20.71	-6,038.46
166	29-Jan-2006	32.00	-119.58	-6,158.04
167	5-Feb-2006	40.00	83.58	-6,074.46
168	12-Feb-2006	40.00	129.82	-5,944.64
169	19-Feb-2006	32.00	-195.81	-6,140.45
170	26-Feb-2006	32.00	-177.27	-6,317.72
171	5-Mar-2006	40.00	122.12	-6,195.60
172	12-Mar-2006	32.00	-22.42	-6,218.02
173	19-Mar-2006	8.00	-29.90	-6,247.92
174	26-Mar-2006	16.00	-224.21	-6,472.13
175	2-Apr-2006	40.00	110.91	-6,361.23
176	9-Apr-2006	24.00	-405.25	-6,766.48
177	16-Apr-2006	32.15	-176.66	-6,943.14
178	23-Apr-2006	16.00	-186.84	-7,129.98
179	30-Apr-2006	40.00	118.61	-7,011.37
180	7-May-2006	40.00	410.45	-6,600.92
181	14-May-2006	32.00	-166.09	-6,767.01
182	21-May-2006	40.00	122.82	-6,644.19
183	28-May-2006	40.00	108.80	-6,535.39
184	4-Jun-2006	40.00	98.99	-6,436.40
185	11-Jun-2006	32.00	-181.47	-6,617.87
186	18-Jun-2006	40.00	96.19	-6,521.68
187	25-Jun-2006	32.00	-162.55	-6,684.23
188	2-Jul-2006	31.50	-176.99	-6,861.22
189	9-Jul-2006	24.00	-239.16	-7,100.38
190	16-Jul-2006	32.00	-151.34	-7,251.73
191	23-Jul-2006	16.00	0.00	-7,251.73
192	30-Jul-2006	32.00	-174.47	-7,426.19
193	6-Aug-2006	32.00	-89.68	-7,515.88
194	13-Aug-2006	8.00	0.00	-7,515.88